

CORRESPONDENCE CONTROL
INCOMING LTR NO.

United States Government

Department of Energy

1781 RF 87

memorandum

Albuquerque Operations Office

Rocky Flats Area Office

DUE DATE 10-26-87

ACTION

Rieger, C.

E: OCT 19 1987

F: S&E:JWK

T: Immobilization of Residual Solar Evaporation Pond Sludge

O: William F. Weston
Director, Plutonium Operations
Rockwell International, NASO, RFP

As part of the on-going Solar Evaporation Pond closure activities, Rockwell is currently engaged in removal of water for treatment as process wastewater, and removal of sludge for immobilization in a concrete matrix. As the water level recedes in the ponds, residual sludge is exposed to the atmosphere. Rockwell personnel are currently washing the sludge back into the pond on a daily basis, however, some residue remains.

The Area Office is concerned about the potential for resuspension of particulate matter from the solar ponds and has expressed this concern verbally to Rockwell RCRA/CERCLA Program personnel. Kirk McKinley, RCRA/CERCLA Program Manager, has proposed the application of a dust suppressor to the residue in order to prevent this potential resuspension. We support this preventive measure, but expect Rockwell personnel to prove its effectiveness. Therefore, the Area Office requests that radiation monitoring smear areas of visible residue weekly as a confirmation that the dust suppressor is effectively immobilizing any sludge residues. Additionally, radiation monitors should smear the area prior to the application of dust suppressor to confirm the need for such a treatment.

Please document activities taken to immobilize any residual Solar Evaporation Pond sludge, including radiation monitoring results, and present the data to John Krueger of my staff beginning October 26, 1987.

Ronald D. Reed
Ronald D. Reed, Chief
Safety and Environmental Branch

cc:
J. B. Whitsett, RFAO
G. W. Campbell, Rockwell

Received for Addressee
Corres. Control RFP

10-20-87

Date By

ADMIN RECCRD

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